TEST RESULTS OF GRADATION FOR WMM

Lab ID : **CP-RW-2019-07-01-01** **Date: 20-09-18**

Customer : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Providing Pot Hole Filling in Chowdeshwari Ward No.02 of Yelahanka Sub Division.

Agency : Sri.T.K.Shankarappa, No.60, Kempaiah Building, Ananthapura, S.N.Halli Post, Yelahanka, Bangalore.

Customer Reference : EE(YNK.D)E-PMT-19/W.O/40/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-09-18

Type of Mix : WMM (Wet Mix Macadam)

Date of test : 18-09-18

Oven Dry Weight : 11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	315	315	2.9	97.1	95-100
22.4	2259	2574	23.4	76.6	60-80
11.2	2179	4753	43.2	56.8	40-60
4.75	2251	7004	63.7	36.3	25-40
2.36	1621	8625	78.4	21.6	15-30
0.6	623	9248	84.1	15.9	8-22
0.075	1338	10586	96.2	3.8	0-5

-Note:-

The results pertain to the samples received and tested.
All information Furnished by Customer/ Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R RUDRAPRASAD
Authorized Signatory
Technical Manager

End of Report

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

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Lab ID : CP-RW-2019-07-01-01

AFTER EXTRACTION - Trail-1

Total Weight of the Sample(gm) : 468 Date: 22-12-18

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-23(grading-2)
19	0	0	0.0	100.0	100
13.2	4	4	0.9	99.1	90-100
9.5	62	66	14.1	85.9	70-88
4.75	112	178	38.0	62.0	53-71
2.36	88	266	56.8	43.2	42-58
1.18	29	295	63.0	37.0	34-48
0.6	11	306	65.4	34.6	26-38
0.3	46	352	75.2	24.8	18-28
0.15	45	397	84.8	15.2	12-20
0.075	48	445	95.1	4.9	4-10

AFTER EXTRACTION - Trail-2

Total Weight of the Sample(gm) : 469

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-23(grading-2)
19	0	0	0.0	100.0	100
13.2	4	4	0.9	99.1	90-100
9.5	62	66	14.1	85.9	70-88
4.75	112	178	38.0	62.0	53-71
2.36	88	266	56.7	43.3	42-58
1.18	29	295	62.9	37.1	34-48
0.6	11	306	65.2	34.8	26-38
0.3	46	352	75.1	24.9	18-28
0.15	45	397	84.6	15.4	12-20
0.075	52	449	95.7	4.3	4-10

Note:-

The results pertain to the samples received and tested.
All information Furnished by Customer/ Representative
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Samples will be disposed after 90 days from the date of issue of test certificate

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R RUDRAPRASAD
Authorized Signatory
Technical Manager

End of Report

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TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2019-07-01-01**

Date: 28-12-18

Customer : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Providing Pot Hole Filling in Chowdeshwari Ward No.02 of Yelahanka Sub Division.

Agency : Sri.T.K.Shankarappa, No.60, Kempaiah Building, Ananthapura, S.N.Halli Post, Yelahanka, Bangalore.

Customer's Reference : EE(YNK.D)E-PMT-19/W.O/40/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-12-18

Sample Type : Fine Aggregate

Reference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

Date of test : 26-12-18

Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	27	27	2.7	97.3	90-100	90-100	90-100	95-100
3	2.36 mm	55	82	8.2	91.8	60-95	75-100	85-100	95-100
4	1.18 mm	240	322	32.2	67.8	30-70	55-90	75-100	90-100
5	600 micron	205	527	52.7	47.3	15-34	35-59	60-79	80-100
6	300 micron	203	730	73.0	27.0	5-20	8-30	12-40	15-50
7	150 micron	190	920	92.0	8.0	0-10	0-10	0-10	0-15
8	Pan	80	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

AE-2 A.E.E AE-02

CIVIL Pro Sig..... Date..... BANGALORE

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